

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

Hideki Itaya, Jason Dominik Hool, Javier Urena, Fredrick Spears, Osamu Ohno and Kantaro Maruoka

SERIAL NUMBER: **To be determined**

Express Mail No: EF05779845US

FILED: **To be determined**

FOR: **A DIAGNOSTIC INSTRUMENT WITH OVERLAPPING CAROUSELS**

PATENT

ART UNIT NO.: **To be determined**

EXAMINER: **To be determined**

ATTORNEY DOCKET NO.:
HITA1785

San Jose, California
May 2, 2001

I hereby certify that this Combined Declaration and Power of Attorney and those documents referred to as attached hereto are being deposited with the United States Postal Service on this date May 5, 2001 in an Express Mail envelope, "Post Office to Addressee," Express Mailing Label Number EF05779845US, addressed to the Box Patent Application, Assistant Commissioner of Patents and Trademarks, Washington, D.C. 20231

MARTHA N. GRIFFIN

Typed or printed name of person mailing paper or fee

Martha N. Griffin
Signature of person mailing paper

**COMBINED DECLARATION AND
POWER OF ATTORNEY**

Assistant Commissioner of Patent and Trademarks
Box Patent Application
Washington, DC 20231

Dear Sir:

As the below named inventors, we hereby declare that:

TYPE OF DECLARATION

This declaration is of the following type:

☒ original
☐ design
☐ supplemental

May 2, 2001

- ☐ national stage of PCT
- ☐ divisional
- ☐ continuation
- ☐ continuation-in-part

INVENTORSHIP IDENTIFICATION

Our residence, post office address and citizenship are as stated below next to our names. We believe we are the original inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled:

A DIAGNOSTIC INSTRUMENT WITH OVERLAPPING CAROUSELS

SPECIFICATION IDENTIFICATION

the specification of which:

- (a) XX is attached hereto.
- (b) ☐ was filed on _____ as Serial No.: _____
Or Express Mail No.: _____ as *Serial No. not yet known*
and was amended on _____
- (c) ☐ was described and claimed in PCT International Application No. _____
filed on _____ and as amended under PCT Article 19 on _____.

**ACKNOWLEDGMENT OF REVIEW OF PAPERS
AND DUTY OF CANDOR**

We hereby state that we have reviewed and understood the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose information

- X Which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56
- X and which is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable examiner would consider it important in deciding whether to allow the application to issue as a patent, and

☐ In compliance with this duty there is attached an information disclosure statement in accordance with 37 CFR 1.98.

May 2, 2001

PRIORITY CLAIM (35 U.S.C. § 119)

We hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate or of any PCT International application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by us on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

- (d) X no such applications have been filed.
(e) such applications have been filed as follows.

**A. PRIOR FOREIGN/PCT APPLICATION(S) FILED WITHIN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS APPLICATION
AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. § 119**

COUNTRY (OR INDICATE IF PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 37 USC 119
			<u> </u> Yes <u> </u> No <u> </u>
			<u> </u> Yes <u> </u> No <u> </u>

**ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S) UNDER 35 U.S.C. 120

We hereby claim the benefit under Title 34, United States Code, § 120 of any United States applications or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose information that is material to the examination of this application, namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

**COMBINED DECLARATION AND POWER OF ATTORNEY
ATTORNEY DOCKET NO.: HITA1785**

May 2, 2001

**PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS
DESIGNATING THE U.S. FOR BENEFIT UNDER 35 USC 120:**

U.S. APPLICATIONS

Status (Check One)

U.S. APPLICATIONS

U.S. FILING DATE

Patented Pending Abandoned

**USC 119 PRIORITY CLAIM, IF ANY, FOR ABOVE LISTED
U.S./PCT APPLICATIONS**

Above
Application
No.

Details of Foreign Application From Which Priority
Claimed Under 35 USC 119

Not Applicable

POWER OF ATTORNEY

We hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

**DOUGLAS A. CHAIKIN, ESQ.
PENINSULA IP GROUP
2290 North First Street, Suite 101
San Jose, California 95131
Reg. No. 29,140
(408) 965-4001**

May 2, 2001

— Attached as part of this declaration and power of attorney is the authorization of the above-named attorney(s) to accept and follow instructions from my representatives

SEND CORRESPONDENCE TO:

DIRECT TELEPHONE CALLS TO:

**Douglas A. Chaikin, Esq.
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**Douglas A. Chaikin, Esq.
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COMBINED DECLARATION AND POWER OF ATTORNEY
ATTORNEY DOCKET NO.: HITA1785

May 2, 2001

DECLARATION

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURES

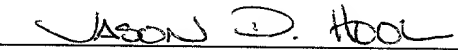
Full name of inventor: Hideki Itaya

Inventor's signature 

Date 2 May, 2001 Country of Citizenship Japan

Residence: 11305 Terna Bella Drive, Cupertino, CA 95014, USA

Full name of inventor: Jason Dominik Hool

Inventor's signature 

Date 2 May 2001 Country of Citizenship MEXICO / U.S.A.

Residence: 13147 ROMNEY DRIVE, PACIFIC PALISADES, CA 90272 =U.S.A.=

Full name of inventor: Javier Urena

Inventor's signature _____

Date _____ Country of Citizenship _____

Residence: _____

FILED IN 2001-05-02

May 2, 2001

Inventor's signature

Date MAY 2, 2001 Country of Citizenship U.S.A.

Residence: 1124 VINE STREET, SAN JOSE, CA 95110, U.S.A.

Inventor's signature

Date MAY 2, 2001 Country of Citizenship JAPAN

Residence: 1910 Miramonte Ave. Mountain View CA USA

Inventor's signature

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Residence: 20647 FORGE WAY, #251 CUPERTINO, CA. 95014 USA

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**COMBINED DECLARATION AND POWER OF ATTORNEY
ATTORNEY DOCKET NO.: HITA1785**

May 2, 2001

____ Authorization of attorney(s) to accept and follow instructions from representative.

* * *

X This Declaration ends with this page.

The figure consists of 10 histograms arranged horizontally, labeled \$k=1\$ through \$k=10\$. Each histogram shows the frequency of the number of non-zero elements in the vector \$\mathbf{z}_k^T \mathbf{x}\$. The x-axis for each plot ranges from approximately 5 to 25, and the y-axis ranges from 0 to 10. The distributions are roughly bell-shaped and centered around 10-15 non-zero elements.